

Chapter 2: Comprehensive Everglades Restoration Plan Regulation Act Projects

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ANNUAL REPORTS

For the reporting period, annual reports for Comprehensive Everglades Restoration Plan Regulation Act (CERPRA) projects are presented as appendices to this chapter, as follows:

- Appendix 2-1: Annual Permit Report for the Picayune Strand Restoration Project
- Appendix 2-2: Annual Permit Report for the L-8 Flow Equalization Basin
- Appendix 2-3: Annual Permit Report for the Biscayne Bay Coastal Wetlands – L-31 East Culverts and Deering Estate Flow-way
- Appendix 2-4: Annual Permit Report for the C-111 Spreader Canal Phase 1 (Western) Project
- Appendix 2-5: Annual Permit Report for the 8.5 Square Mile Area, S-357 Pump Station

PERMIT INFORMATION UPDATES

C-43 WEST BASIN STORAGE RESERVOIR PROJECT

Florida Department of Environmental Protection (FDEP) Permit 0255243

Permit Title: C-43 West Basin Storage Reservoir Project

Permit Administrator: Permit Acquisition and Compliance Section, Office of Everglades Policy and Coordination

Original Permit Number: 0255243-002-GL

Permit Modification Numbers (in order of issuance):

0255243-003-GL (*minor modification*)
0255243-004-GL (*permit renewal*)
0255243-005-GL (*permit exemption*)
0255243-006-GL (*permit exemption*)
0255243-007 (*minor modification*)
0255243-008 (*minor modification*)
0255243-009 (*minor modification*)

Specific Condition Requiring Annual Report: 17

Original Issue Date: November 9, 2007

Renewal Date: August 30, 2012
Expiration Date: August 30, 2017
Reporting Period: May 1, 2014 to April 30, 2015
Report Prepared By: Laura Reilly

Status

On June 16, 2014, a request for a 5-year permit (0255243-007) was issued by FDEP, allowing temporary storage of Lake Okeechobee water releases, in the event of excessively heavy rainfall, within a 3,500-acre portion in the southwestern corner of the C-43 Reservoir footprint.

The interim Phase 1 component was terminated and replaced with a complete build out of the western portion of the project (Cell 1) with completion of the entire perimeter canal. The new construction is expected to commence in October 2015.

Problems Encountered

No problems were encountered.

Actions to Address Problems

None were needed.

C-44 RESERVOIR AND STORMWATER TREATMENT AREA

FDEP Permit 0254895

Permit Title: C-44 Reservoir and Stormwater Treatment Area
Permit Administrator: Permit Acquisition and Compliance Section, Office of Everglades Policy and Coordination
Original Permit Number: 0254895-002
Permit Modification Numbers (in order of issuance):
 0254895-003 (*major modification*)
 0254895-004 (*minor modification*)
 0254895-005 (*minor modification*)
 0254895-006 (*major modification*)
 0254895-007 (*application withdrawn*)
 0254895-008 (*major modification*)
 0254895-009 (*exemption - C-23 Parcel C Interim Dispersed Water Management*)
 0254895-010 (*minor modification*)
Specific Condition Requiring Annual Report: 33
Original Issue Date: September 27, 2006
Renewal Date: October 24, 2012
Expiration Date: October 24, 2017
Reporting Period: May 1, 2014 to April 30, 2015
Report Prepared By: Leslye Waugh

Status

The Interim System Discharge Spillway was installed to hold back an additional 5.5 feet of water on the project site. Construction began in July 2014, and was completed in October 2014. Construction of the C-44 System Discharge began in September 2014, and is anticipated to be complete in November 2015. C-44 STA construction began in October 2014, and will continue until August 2017. Additionally, residual agricultural chemical impacted soils located on the reservoir site were addressed under a separate contract initiated in January 2015, which is expected to be complete in June 2015.

On September 4, 2014, the District received an exemption to store about 87 acre-feet of excess water from the C-23 canal within Parcel C, a 320-acre parcel to serve as interim storage in times of high water conditions.

Problems Encountered

No problems were encountered.

Actions to Address Problems

None were needed.

SOUTHERN CREW¹, PHASE 1 PROJECT – BILLY DON GRANT PARCEL

FDEP Permit 0279719

Permit Title: Phase I Southern CREW Agricultural Field Enhancement – Billy Don Grant Parcel

Permit Administrator: Permit Acquisition and Compliance Section, Office of Everglades Policy and Coordination

Original Permit Number: 0279719-001

Permit Modification Number:
0279719-003 (*permit renewal*)

Specific Condition Requiring Annual Report: 19

Original Issue Date: March 26, 2008

Renewal Date: March 6, 2013

Expiration Date: March 6, 2018

Reporting Period: May 1, 2014 to April 30, 2015

Report Prepared By: Leslye Waugh

Status

The final annual mitigation monitoring event was completed in September 2014, and the associated report was submitted to FDEP on December 19, 2014. This was the fifth of five required annual mitigation monitoring reports, and indicated that native and non-native vegetation coverage have continued to decrease due to herbicide treatments. Exotic vegetation removal within the

¹ CREW – Corkscrew Regional Ecosystem Watershed.

restoration area will continue, and the site will become part of the larger Southern CREW project and be maintained in perpetuity.

Problems Encountered

No problems were encountered.

Actions to Address Problems

None were needed.

TEN MILE CREEK WATER PRESERVE AREA**FDEP Permit 0192879**

Permit Title: Ten Mile Creek Water Preserve Area

Permit Administrator: Permit Acquisition and Compliance Section, Office of Everglades Policy and Coordination

Original Permit Number: 0192879-002

Permit Modification Number:
0192879-012 (*permit renewal*)

Specific Condition Requiring Annual Report: 16

Original Issue Date: October 16, 2006

Renewal Date: August 24, 2011

Expiration Date: August 24, 2016

Reporting Period: May 1, 2014 to April 30, 2015

Report Prepared By: Leslye Waugh

Status

Operation of the Ten Mile Creek Water Preserve Area by the South Florida Water Management District (District or SFWMD) is not authorized until the project is officially transferred from the United States Army Corps of Engineers (USACE) to the District. However, the District will be applying for an interim operations permit from FDEP to operate the Ten Mile Creek facility at a 1-foot elevation within the reservoir during Water Year 2016 (May 1, 2015–April 30, 2016). Additional authorizations may be requested during Water Year 2016 to remediate the facility and operate at higher elevations.

Problems Encountered

The Ten Mile Creek Water Preserve Area, built by USACE, is not currently in operation because of embankment and stability issues due to excessive seepage. Because the project is not in operations, an annual report has not been prepared.

Actions to Address Problems

USACE holds the permit for construction and interim operation of the Ten Mile Creek facility. USACE undertook a test fill of the reservoir to determine the extent of the levee's seepage

problems. Test results demonstrated numerous seepage areas through the levee. Potential remedies have not yet been determined.